Figure 3

P wheel = requested C wheel . ω wheel

P cdt = P wheel / output

P cdt > 3 kW ?

YES

MTH operates

P super-capacity = 0

P mth = P cdt

Note P mth is possibly an engine brake

NO

P cdt > 0 ?

YES

E > Emin ?

NO

YES

NO

E < Emax ?

NO

YES

Zero MTH torque

P super-capacity = P cdt

P mth = 0